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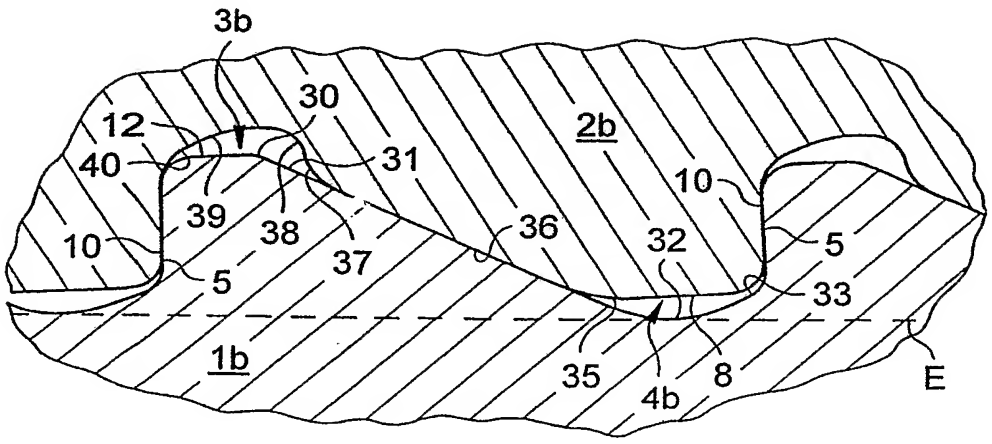
(54) Title: IMPROVEMENT OF RESISTANCE TO FATIGUE OF A THREADED TUBULAR CONNECTION



(57) Abstract: Radial interference between the male (3b) and female (4b) threadings operates between stabbing flanks (31, 36) inclined at about 27° with respect to the axis of the threadings, wherein the mutual contacting surfaces are radially spaced from the root of the male threading (32), which is defined by a concave rounded portion. Thus micro-cracks caused by friction between these surfaces during relative movements of the male and female threaded elements are not affected by tensile stresses moving along the, envelope (E) of the male thread root (32), improving the fatigue resistance of the connection. Application to hydrocarbon wells connected to offshore platforms.

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